

4

3

2

1

NOTES CONTINUED:

⑤ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

REV.	DATE	DCN #	DRAWING TREE #
1	-	original	-
2	-	made 5mm wider	-
-	-	-	-

D

D

C

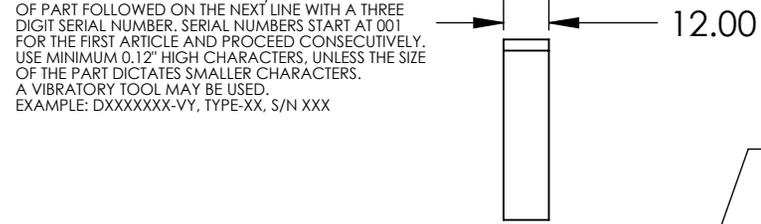
C

B

B

A

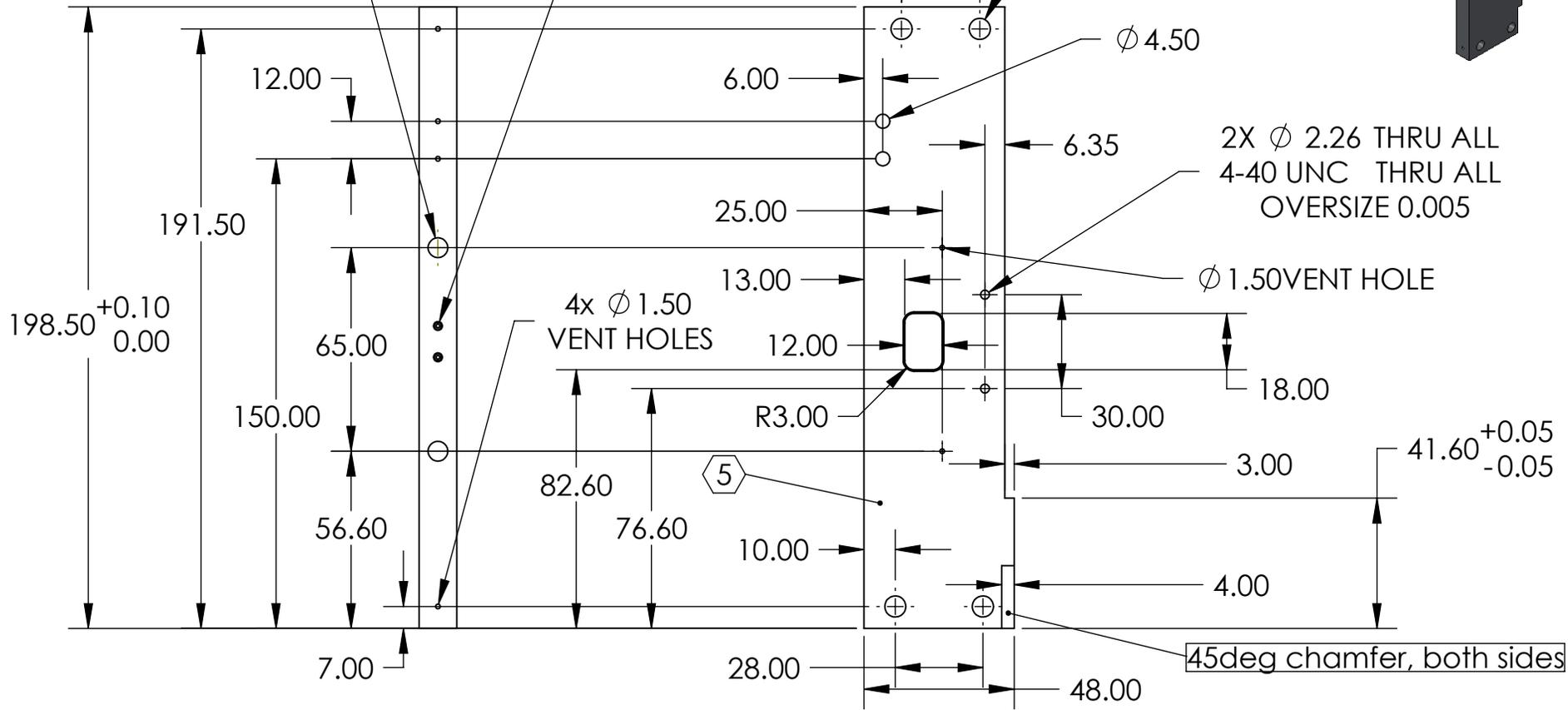
A



2X ϕ 2.26 ∇ 12.67
 4-40 UNC ∇ 5.69
 OVERSIZE 0.005

2X ϕ 5.11 THRU ALL
 1/4-20 UNC THRU ALL

4x ϕ 6.76 THRU



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN MILLIMETERS	1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.
TOLERANCES: .XX \pm .10 .XXX \pm .005	MATERIAL 6061-T6 (SS)
ANGULAR \pm 0.2°	FINISH 32 μ inch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: **ADVANCED LIGO** SUB-SYSTEM: **ISC**

NEXT ASSY: **Tip-Tilt Structure**

PART NAME Tip-Tilt Structure Side		DESIGNER BJJ Slagmolen	DATE 1 June 2007	SIZE A	DWG. NO. D1000772	REV. v2
CHECKER	APPROVAL	SCALE: 1:4	PROJECTION:	SHEET 1 OF 1		